Profinet-IO Serial Gateway

The Profinet-IO to Serial Communicator Gateway is a complete Profinet-IO solution working as a Profinet-IO Device.

Profinet-IO Functions:
The module supports up to 512 bytes of IO for both Input and Output data. The IP-adress can be configured either via the Profinet configuration tool or DHCP and another way is to use the Anybus IPconfig utility for the IP configuration. Four diagnostic LEDs will continiously indicate the actual Profinet status and possible error messages and additionally two LEDs are used to monitor the serial sub-network. The module uses a normal RJ45 connector for the Profinet IO connection.

IT-Functions:
The Profinet-IO module also support functions like Web server, E-mail client and FTP server. The IT functions can be used simultaneously with the Profinet-IO communication.

Modbus/TCP:
Supported Modbus/TCP functions are limited Modbus/TCP class 0, class 1 and partially class 2 slave functionality. This interface can be used to monitor process data and only reading of data is supported.

The delivery comes complete with a DSUB connector with screw terminals for the serial sub-network, CD with Configuration Software and User Manuals, RS232 Configuration Cable and a short Installation Leaflet for the electrical installation.

KEY FEATURES

- Max 512 bytes Input and Output data
- Profinet-IO and IT functions
- E-Mail Client, FTP server, Web server
- DIN-rail mountable - PE via DIN-rail
- Serial network configuration with ABC Config Tool
- Multi-drop to up to 31 nodes
- Dynamical webserver with flash disc
- Support for Anybus IPConfig and DCP for easy TCP/IP set up

TECHNICAL SPECIFICATIONS

Size:	120 mm x 75 mm x 27 mm
Power Supply:	24 VDC
Temperature:	0 to +55°C
Current Consump:	Max 280 mA
Baud Rate:	100 Mbit
Sub Baud Rate:	1.2, 2.4, 4.8, 9.6, 19.2, 35.7, 38.4, 57,6 kbit/s
I/O Input:	512 bytes

I/O Output:	512 bytes
Mech Rating:	IP20
Profile Support:	Profinet-IO slave device
Supp Features:	Modbus TCP (read only), Profinet-IO, Webserver, FTP, Email, DHCP
Config Method:	ABC Config Tool for Windows
Included accessories:	CD with software and User Manuals, Configuration Cable RS232, DSUB with screw terminals for Sub-Network, Installation Leaflet.
Order Code:	AB7013